

Stable Isotope CF Analysis Results

File: DATA_D03.raw
Project: controle2007.PRO
Sample list: 1604.spl
Line: 1
MS file: Co2 stab
Inlet: GC-combustion
Inlet file: Do Nothing
Sample ID:
Description: test de stabilite

Acquisition Date: 8/4/06 10:46
Weight: 0.00
Injection Volume: 0
Bottle:
Type:
Standard:
Slot Number: JB 251
Run Index:

Reference standard					Corrections	
Species: CO2 by CF (uncalibrated)					Equilibrium correction: None	
Gas: CO2 Uncalibrated CO2						
Ratio type: Elemental						
Deconvolution: Craig						
Elemental delta						
Label:	Value:	Label:	Value:	wrt:		
Ratio 1: 13C	-34.5	delta 45	-32.93	PDB		
Ratio 2: 18O	-19.3	delta 46	-19.35	PDB		

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	4.59	42.6	1.1780E-02	4.2524E-03
2	4.62	102.5	1.1779E-02	4.2525E-03
3	4.64	162.5	1.1779E-02	4.2525E-03
4	4.63	222.5	1.1779E-02	4.2528E-03
5	4.64	262.6	1.1779E-02	4.2530E-03
6	4.62	342.6	1.1779E-02	4.2531E-03
7	4.61	402.6	1.1780E-02	4.2533E-03
8	4.62	462.6	1.1780E-02	4.2538E-03
9	4.65	522.7	1.1780E-02	4.2542E-03
10	4.65	582.7	1.1781E-02	4.2546E-03

Mean: 1.1780E-02 4.2532E-03
Std Dev of fit (%): 0.04 0.05

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

Stable Isotope CF Analysis Results

File: DATA_002.raw	Acquisition Date: 8/4/06 10:35
Project: controle2007.PRO	Weight: 0.00
Sample list: 1604.spl	Injection Volume: 0
Line: 1	Bottle:
MS file: Co2 stab	Type:
Inlet: GC-combustion	Standard:
Inlet file: Do Nothing	Slot Number: JB 251
Sample ID:	Run Index:
Description: test de stabilite	

Reference standard	Corrections
Species: CO2 by CF (uncalibrated)	Equilibrium correction: None
Gas: CO2 Uncalibrated CO2	
Ratio type: Elemental	
Deconvolution: Craig	
Elemental delta	Molecular delta
Label: Value:	Label: Value: wrt:
Ratio 1: 13C -34.5	delta 45 -32.93 PDB
Ratio 2: 18O -19.3	delta 46 -19.35 PDB

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	4.63	42.5	1.1782E-02	4.2528E-03
2	4.63	102.5	1.1782E-02	4.2529E-03
3	4.62	162.5	1.1782E-02	4.2530E-03
4	4.62	222.6	1.1782E-02	4.2529E-03
5	4.62	282.6	1.1781E-02	4.2529E-03
6	4.60	342.6	1.1781E-02	4.2528E-03
7	4.60	402.7	1.1781E-02	4.2526E-03
8	4.59	462.7	1.1781E-02	4.2524E-03
9	4.58	522.8	1.1780E-02	4.2522E-03
10	4.57	582.8	1.1780E-02	4.2518E-03

Mean: 1.1781E-02 4.2526E-03
Std Dev of fit (%): 0.02 0.05

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

Stable Isotope CF Analysis Results

File: DATA_001.raw
Project: controle2007.PRO
Sample list: 1604.spl
Line: 1
MS file: Co2 stab
Inlet: GC-combustion
Inlet file: Do Nothing
Sample ID:
Description: test de stabilite

Acquisition Date: 8/4/06 10:24
Weight: 0.00
Injection Volume: 0
Bottle:
Type:
Standard:
Slot Number: JB 251
Run Index:

Reference standard					Corrections
Species: CO2 by CF (uncalibrated)					Equilibrium correction: None
Gas: CO2 Uncalibrated CO2					
Ratio type: Elemental					
Deconvolution: Craig					
Elemental delta		Molecular delta			
Label:	Value:	Label:	Value:	wrt:	
Ratio 1: 13C	-34.5	delta 45	-32.93	PDB	
Ratio 2: 18O	-19.3	delta 46	-19.35	PDB	

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	4.58	42.6	1.1784E-02	4.2520E-03
2	4.58	102.6	1.1784E-02	4.2517E-03
3	4.58	162.6	1.1783E-02	4.2513E-03
4	4.58	222.7	1.1783E-02	4.2511E-03
5	4.59	282.7	1.1782E-02	4.2512E-03
6	4.62	342.6	1.1782E-02	4.2511E-03
7	4.63	402.7	1.1781E-02	4.2513E-03
8	4.63	462.7	1.1781E-02	4.2516E-03
9	4.62	522.7	1.1781E-02	4.2516E-03
10	4.62	582.7	1.1781E-02	4.2518E-03

Mean: 1.1782E-02 4.2515E-03
Std Dev of fit (%): 0.03 0.08

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

Stable Isotope CF Analysis Results

File: DATA_008.raw
Project: controle2007.PRO
Sample list: 1704.spl
Line: 15
MS file: M-AN41
Inlet: GC-combustion
Inlet file: M-AN41
Sample ID:
Description: Calibration Mix Cal Acetate 001C

Acquisition Date: 26-6-2006 11:23:11
Weight: 0.00
Injection Volume: 10
Bottle:
Type:
Standard:
Slot Number: JB 251
Run Index:

Reference standard					Corrections
Species: CO2 by CF (uncalibrated)					Equilibrium correction: None
Gas: CO2 Uncalibrated CO2					
Ratio type: Elemental					
Deconvolution: Craig					
Elemental delta					
Label:	Value:	Label:	Value:	wrt:	
Ratio 1: 13C	-34.5	delta 45	-32.93	PDB	
Ratio 2: 18O	-19.3	delta 48	-19.35	PDB	

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	1.57	42.6	1.1790E-02	4.2594E-03
2	1.57	102.6	1.1789E-02	4.2692E-03
3	5.91	162.8	1.1792E-02	4.2580E-03
4	5.92	222.6	1.1792E-02	4.2579E-03
5	3.98	262.6	1.1791E-02	4.2586E-03
6	3.97	342.6	1.1791E-02	4.2582E-03
7	9.33	402.7	1.1792E-02	4.2571E-03
8	9.32	462.6	1.1792E-02	4.2574E-03
9	1.47	522.7	1.1788E-02	4.2591E-03
10	1.48	582.8	1.1788E-02	4.2588E-03

Mean: 1.1790E-02 4.2584E-03
Std Dev of fit (%): 0.13 0.19

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

Stable Isotope CF Analysis Results

File: DATA_C09.raw
Project: controle2007.PRO
Sample list: 1704.spl
Line: 15
MS file: M-AN41
Inlet: GC-combustion
Inlet file: M-AN41
Sample ID:
Description: Calibration Mix Cal Acetate 001C

Acquisition Date: 26-6-2006 11:35:39
Weight: 0.00
Injection Volume: 10
Bottle:
Type:
Standard:
Slot Number: JB 251
Run Index:

Reference standard					Corrections
Species: CO2 by CF (uncalibrated)					Equilibrium correction: None
Gas: CO2 Uncalibrated CO2					
Ratio type: Elemental					
Deconvolution: Craig					
Elemental delta		Molecular delta			
Label:	Value:	Label:	Value:	wrt:	
Ratio 1: 13C	-34.5	delta 45	-32.93	PDB	
Ratio 2: 18O	-19.3	delta 46	-19.35	PDB	

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	1.48	42.6	1.1788E-02	4.2590E-03
2	1.48	102.6	1.1789E-02	4.2586E-03
3	5.93	162.6	1.1792E-02	4.2581E-03
4	5.93	222.6	1.1791E-02	4.2582E-03
5	3.82	282.7	1.1791E-02	4.2588E-03
6	3.82	342.6	1.1791E-02	4.2587E-03
7	9.68	402.7	1.1792E-02	4.2572E-03
8	9.66	462.8	1.1792E-02	4.2574E-03
9	1.48	522.8	1.1788E-02	4.2592E-03
10	1.49	582.8	1.1788E-02	4.2590E-03

Mean: 1.1790E-02 4.2584E-03
Std Dev of fit (%): 0.15 0.17

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

Stable Isotope CF Analysis Results

File: DATA_010.raw
Project: controle2007.PRO
Sample list: 1704.spl
Line: 15
MS file: M-AN41
Inlet: GC-combustion
Inlet file: M-AN41
Sample ID:
Description: Calibration Mix Cal Acetate 001C

Acquisition Date: 26-6-2006 11:47:5
Weight: 0.00
Injection Volume: 10
Bottle:
Type:
Standard:
Slot Number: JB 251
Run Index:

Reference standard					Corrections	
Species: CO2 by CF (uncalibrated)					Equilibrium correction: None	
Gas: CO2 Uncalibrated CO2						
Ratio type: Elemental						
Deconvolution: Craig						
Elemental delta					Molecular delta	
Label:	Value:	Label:	Value:	wrt:		
Ratio 1: 13C	-34.5	delta 45	-32.93	PDB		
Ratio 2: 18O	-19.3	delta 46	-19.35	PDB		

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	1.49	42.6	1.1788E-02	4.2585E-03
2	1.49	102.6	1.1788E-02	4.2585E-03
3	5.87	162.6	1.1791E-02	4.2577E-03
4	5.86	222.6	1.1790E-02	4.2572E-03
5	3.80	282.6	1.1788E-02	4.2565E-03
6	3.79	342.7	1.1788E-02	4.2566E-03
7	9.78	402.7	1.1790E-02	4.2558E-03
8	9.79	462.7	1.1790E-02	4.2560E-03
9	1.56	522.8	1.1787E-02	4.2562E-03
10	1.56	582.8	1.1788E-02	4.2558E-03

Mean: 1.1789E-02 4.2559E-03
Std Dev of fit (%): 0.12 0.10

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	----------------------

COPIE CERTIFIÉE
CONFORME DES DONNÉES
ET FORMEL AINS ORIGINAL

Stable Isotope CF Analysis Results

File: DATA_007.raw
Project: controle2007.PRO
Sample list: 1704.spl
Line: 15
MS file: M-AN41
Inlet: GC-combustion
Inlet file: M-AN41
Sample ID:
Description: Calibration Mix Cal Acetate 001C

Acquisition Date: 31-7-2006 11:58:36
Weight: 0.00
Injection Volume: 10
Bottle:
Type:
Standard:
Slot Number: JB 251
Run Index:

Reference standard					Corrections
Species: CO2 by CF (uncalibrated)					Equilibrium correction: None
Gas: CO2 Uncalibrated CO2					
Ratio type: Elemental					
Deconvolution: Craig					
Elemental delta		Molecular delta			
Label:	Value:	Label:	Value:	wrt:	
Ratio 1: 13C	-34.5	delta 45	-32.93	PDB	
Ratio 2: 18O	-19.3	delta 46	-19.35	PDB	

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	1.66	42.7	1.1777E-02	4.2508E-03
2	1.67	102.7	1.1777E-02	4.2508E-03
3	6.78	182.6	1.1778E-02	4.2495E-03
4	6.78	222.6	1.1778E-02	4.2497E-03
5	4.06	282.7	1.1779E-02	4.2506E-03
6	4.06	342.7	1.1778E-02	4.2506E-03
7	9.79	402.7	1.1778E-02	4.2491E-03
8	9.74	482.7	1.1779E-02	4.2492E-03
9	1.61	522.8	1.1777E-02	4.2501E-03
10	1.63	582.9	1.1778E-02	4.2501E-03

Mean: 1.1778E-02 4.2500E-03
Std. Dev of fit (%): 0.10 0.15

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

Stable Isotope CF Analysis Results

File: DATA_008.raw Acquisition Date: 31-7-2006 12:10:2
 Project: controle2007.PRO Weight: 0.00
 Sample list: 1704.spl Injection Volume: 10
 Line: 15 Bottle:
 MS file: M-AN41 Type:
 Inlet: GC-combustion Standard:
 Inlet file: M-AN41 Slot Number: JB-251
 Sample ID: Run Index:
 Description: Calibration Mix Cal Acetate 001C

Reference standard					Corrections
Species: CO2 by CF (uncalibrated)					Equilibrium correction: None
Gas: CO2 Uncalibrated CO2					
Ratio type: Elemental					
Deconvolution: Craig					
Elemental delta					
Label:	Value:	Label:	Value:	wrt:	
Ratio 1: 13C	-34.5	delta 45	-32.93	PDB	
Ratio 2: 18O	-19.3	delta 46	-19.35	PDB	

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	1.63	42.6	1.1777E-02	4.2513E-03
2	1.64	102.6	1.1776E-02	4.2514E-03
3	7.22	162.6	1.1779E-02	4.2502E-03
4	7.23	222.7	1.1779E-02	4.2502E-03
5	3.90	282.7	1.1778E-02	4.2516E-03
6	3.88	342.7	1.1778E-02	4.2510E-03
7	10.10	402.8	1.1778E-02	4.2493E-03
8	10.12	462.8	1.1778E-02	4.2496E-03
9	1.63	522.8	1.1776E-02	4.2522E-03
10	1.64	582.8	1.1776E-02	4.2515E-03

Mean: 1.1778E-02 4.2508E-03
 Std Dev of fit (%): 0.09 0.24

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

05/05/2007 13:19

Results for CO2 by CF (uncalibrated)(Fn1) [Printout]

COPY CERTIFIEE
 CONFORME DES DONNEES
 ET FORMULAIRES ORIGINAUX

1 of 1

GDC01048

179

Stable Isotope CF Analysis Results

File: DATA_009.raw	Acquisition Date: 31-7-2006 12:21:28
Project: controle2007.PRO	Weight: 0.00
Sample list: 1704.spl	Injection Volume: 10
Line: 15	Bottle:
MS file: M-AN41	Type:
Inlet: GC-combustion	Standard:
Inlet file: M-AN41	Slot Number: JB 251
Sample ID:	Run Index:
Description: Calibration Mix Cal Acetate 001C	

Reference standard	Corrections
Species: CO2 by CF (uncalibrated)	Equilibrium correction: None
Gas: CO2 Uncalibrated CO2	
Ratio type: Elemental	
Deconvolution: Craig	
Elemental delta	Molecular delta
Label: Value:	Label: Value: wrt:
Ratio 1: 13C -34.5	delta 45 -32.93 PDB
Ratio 2: 18O -19.3	delta 46 -19.35 PDB

Peak No	Major Height (nA)	RT (Sec)	Ratio 45/44	Ratio 46/44
1	1.64	42.7	1.1776E-02	4.2510E-03
2	1.64	102.7	1.1776E-02	4.2507E-03
3	7.41	162.6	1.1777E-02	4.2499E-03
4	7.43	222.7	1.1777E-02	4.2501E-03
5	3.83	282.7	1.1777E-02	4.2512E-03
6	3.83	342.7	1.1777E-02	4.2514E-03
7	9.96	402.7	1.1777E-02	4.2496E-03
8	9.98	462.8	1.1777E-02	4.2497E-03
9	1.61	522.9	1.1776E-02	4.2528E-03
10	1.62	582.9	1.1775E-02	4.2525E-03

Mean: 1.1777E-02 4.2509E-03
Std Dev of fit (%): 0.07 0.26

Sample Data

Peak No	RT (Sec)	Major Height (nA)	Major Area	Ratio 45/44	Raw Delta	delta 13C	Ratio 46/44	Raw Delta	delta 18O	delta 18O w.r.t. SMOW
---------	----------	-------------------	------------	-------------	-----------	-----------	-------------	-----------	-----------	-----------------------

Parameters: C:\Masslyn8\irms\CO2.prm

File | Reference Peak | **Sample Peak** | Beam | Peak Identification

Sample Peak Detection

Parameters

Window

Start (secs.) 0

End (secs.) 0

☒ Use full range

Baseline

☐ Peak Zero

Background Points

Offset (secs.) 3

Width (secs.) 1

☒ Ratio Polynomial

Polynomial

Order 2

Rejection 2

☐ Peak Start/End

☒ Use Horizontal

☐ Beam Zero

☐ Allow baseline to cut intensity

Save Help OK Cancel

COPIE CERTIFIÉE
CONFORME À LA LOI
ET À LA RÉGLEMENTATION

GDC01050

181